

**AUGMENTED AND VIRTUAL REALITY GUIDED INSTRUMENT
POSITIONING WITH DEPTH DETERMINING GRAPHICS**

ABSTRACT OF THE DISCLOSURE

5 There is provided a method for augmented reality
guided instrument positioning. At least one graphics
proximity marker is determined for indicating a
proximity of a predetermined portion of an instrument
to a target. The at least one graphics proximity
10 marker is rendered such that the proximity of the
predetermined portion of the instrument to the target
is ascertainable based on a position of a marker on the
instrument with respect to the at least one graphics
proximity marker.

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